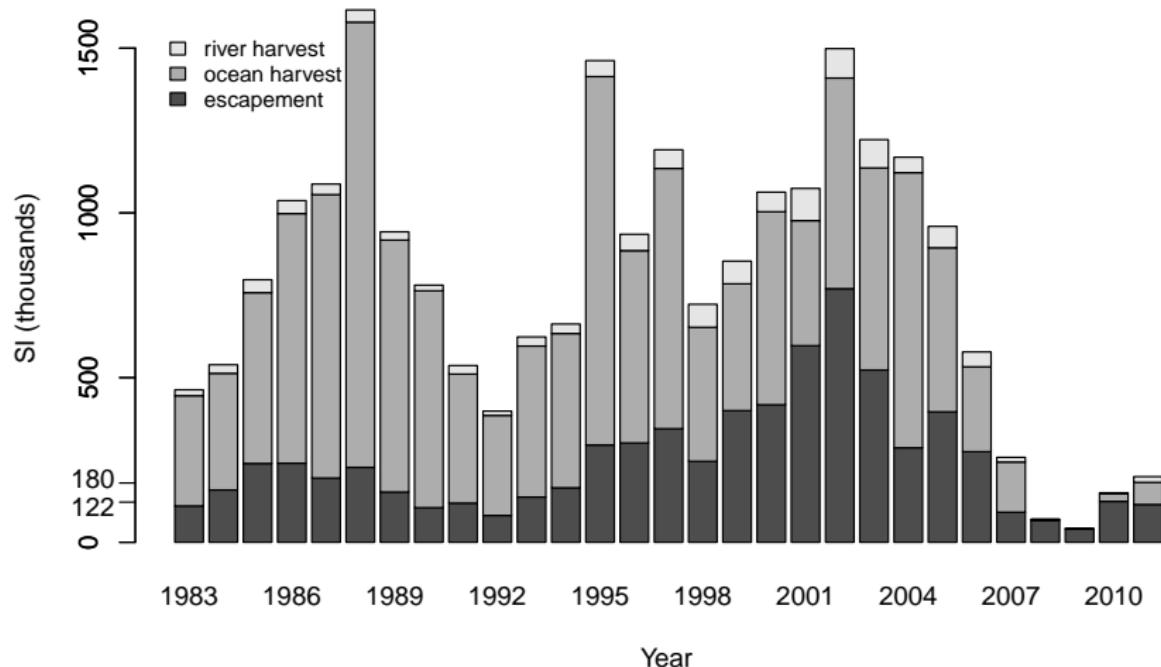
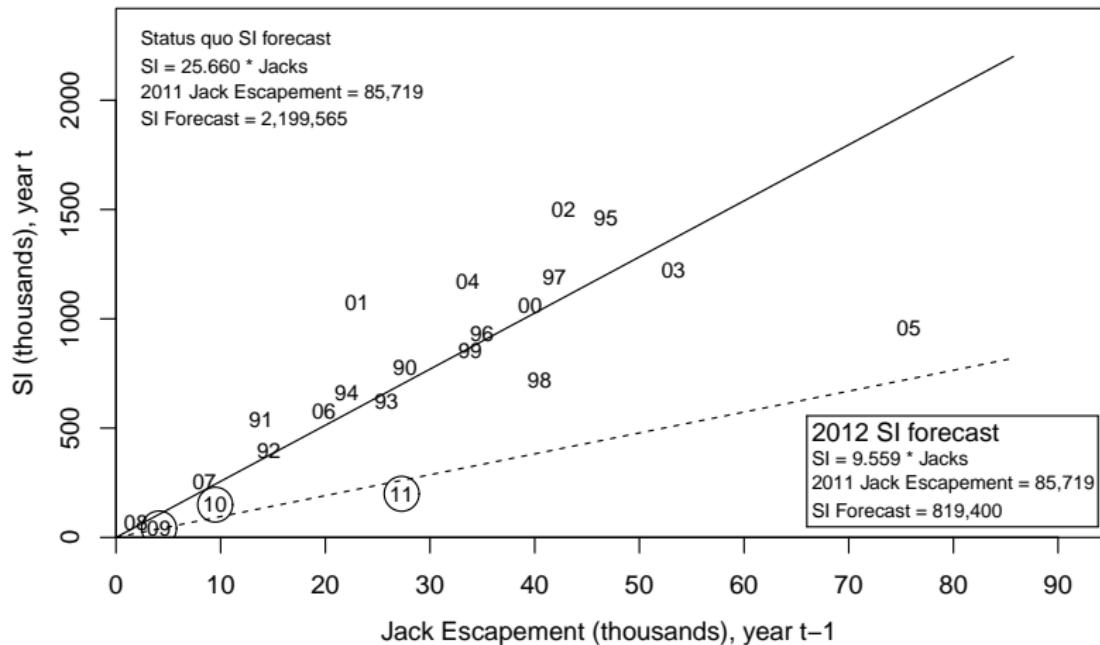


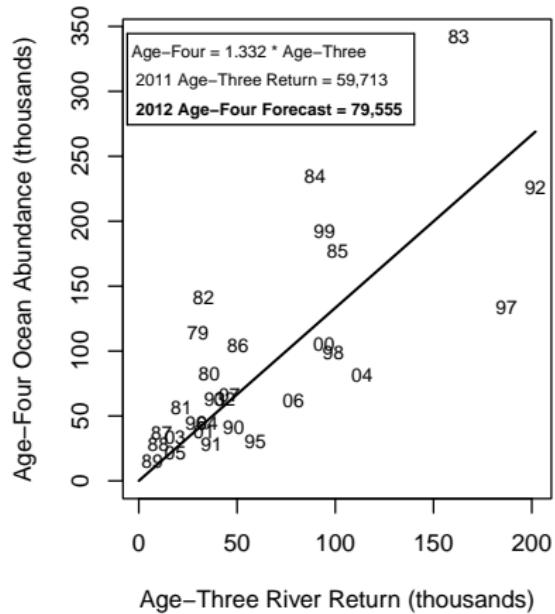
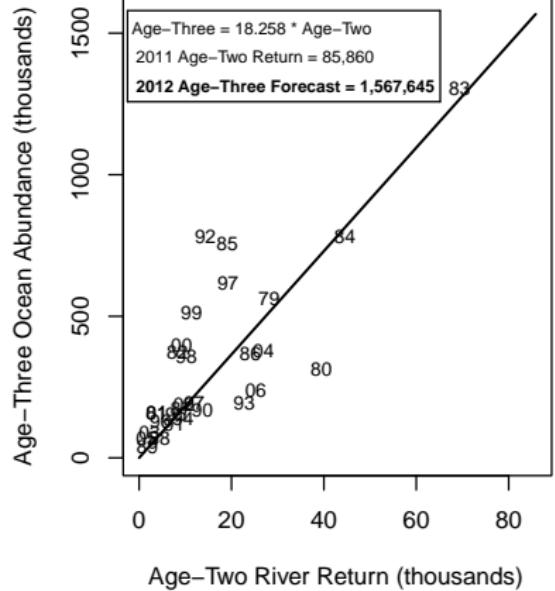
## Sacramento Index (SI) time series



# 2012 SI forecast: 819,400



## 2012 Klamath forecast: 1,651,785



KRFC 2011 abundance forecast: 371,100

age-3: 304,600

age-4: 61,600

## Management context

### Sacramento River fall Chinook

- ▶ Abundance forecast large
- ▶ Must target an escapement of at least 245,820  
(max 70% exploitation rate)
- ▶ Unlikely to constrain 2012 fisheries
- ▶ 2011 regs: prediction of 469,000 spawners

## Management context

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### Sacramento River winter Chinook

- ▶ Maximum age-3 impact rate: 13.7 percent
- ▶ May constrain fisheries south of Point Arena
- ▶ 2011 regs: 12.3% age-3 impact rate prediction

## Management context

### Sacramento River fall Chinook

- ▶ Abundance forecast large
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(max 70% exploitation rate)
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### Sacramento River winter Chinook

- ▶ Maximum age-3 impact rate: 13.7 percent
- ▶ May constrain fisheries south of Point Arena
- ▶ 2011 regs: 12.3% age-3 impact rate prediction

### Klamath River fall Chinook

- ▶ Abundance forecast large
- ▶ Must target a natural area escapement of at least 86,288  
(max 68% exploitation rate)
- ▶ California Coastal Chinook likely to constrain 2012 fisheries
- ▶ 2011 regs: 13.2% KRFC age-4 ocean harvest rate prediction